

Amendments to the specification

On page 4, please amend the paragraph beginning line 7 and ending line 9 as follows:

applying a plurality of feed-forward filter coefficients to the transformed signal for channel equalization and providing a plurality of data blocks indicative of the equalized signal for despreadings;[[;]]

On page 4, please amend the paragraph beginning line 16 and ending line 19 as follows (remove the space following "the" on line 17):

applying a feedback filter with the previous hard decisions at each time instant to the downsampled transformed data stream for removing inter-symbol interference in the downsampled transformed data stream; and

On page 6, please amend the paragraphs beginning line 5 and ending line 8 as follows:

a fourth module, for converting the equalized signal into a further transformed signal in ~~frequency_time~~ domain, and

a fifth module for removing inter-symbol interference based on previous hard decisions in the further transformed signal in ~~frequency_time~~ domain.

On page 7, please amend the paragraphs beginning line 4 and ending line 7 as follows:

an eighth module, for converting the equalized signal into a further transformed signal in ~~frequency_time~~ domain; and

a ninth module for removing inter-symbol interference in the further transformed signal in ~~frequency_time~~ domain based on previous hard decisions.